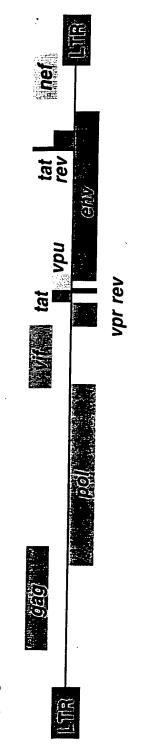
#### Resistance Test Vector

HIV-1



#### **Resistance Test Vector**

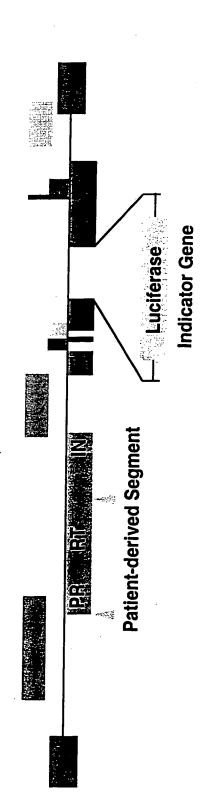


FIGURE 1

#### Two Cell Assay

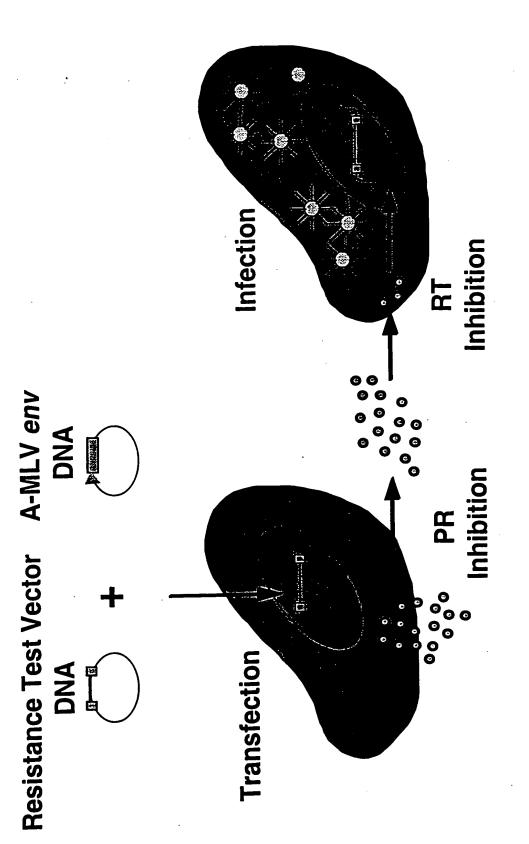
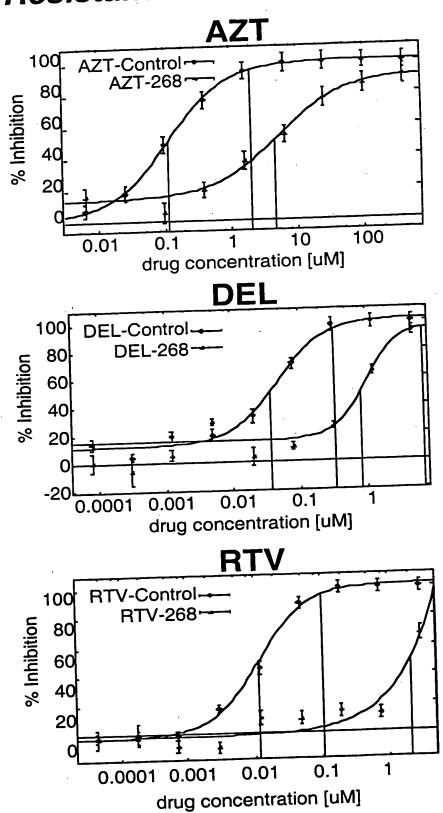


FIGURE 2

#### Drug Resistance: NRTI, NNRTI, PI



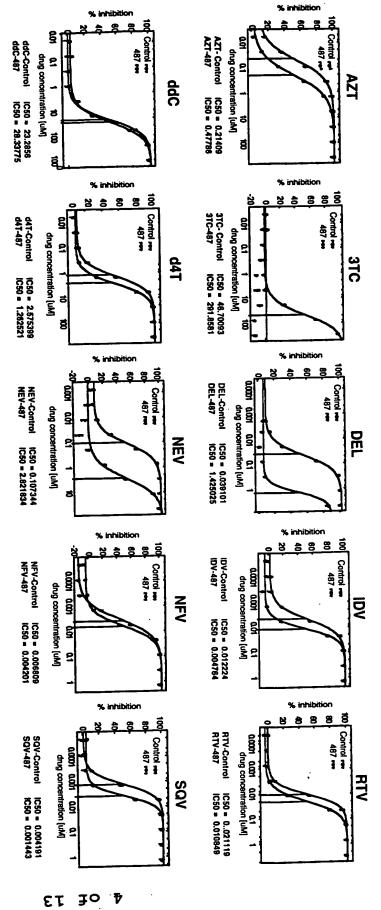


FIGURE 4

% inhibition

ddl-Control ddl-487

IC50 = 51.73591 IC50 = 55.91719 drug concentration [uM]

Control ••

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# **Drug Susceptibility Test Profile: Site Directed Mutants**

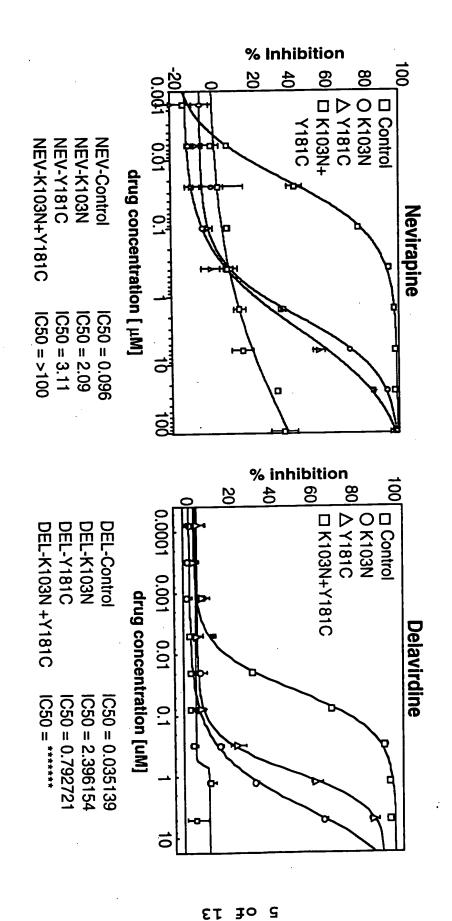


FIGURE 5

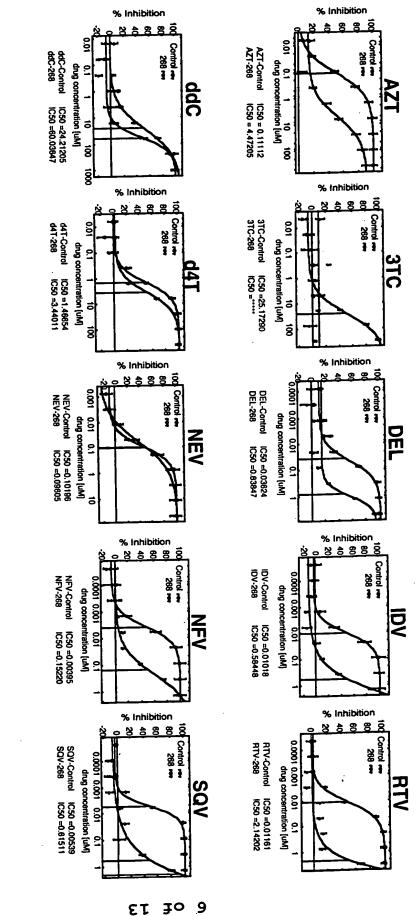


FIGURE 6

% Inhibition

ddl

ddi-Control ddi-288

IC50 =88.78545 IC50 =\*\*\*\*\*\* drug concentration [uM]

SCAN 18

# Drug Susceptibility Test Profile: Site Directed Mutants

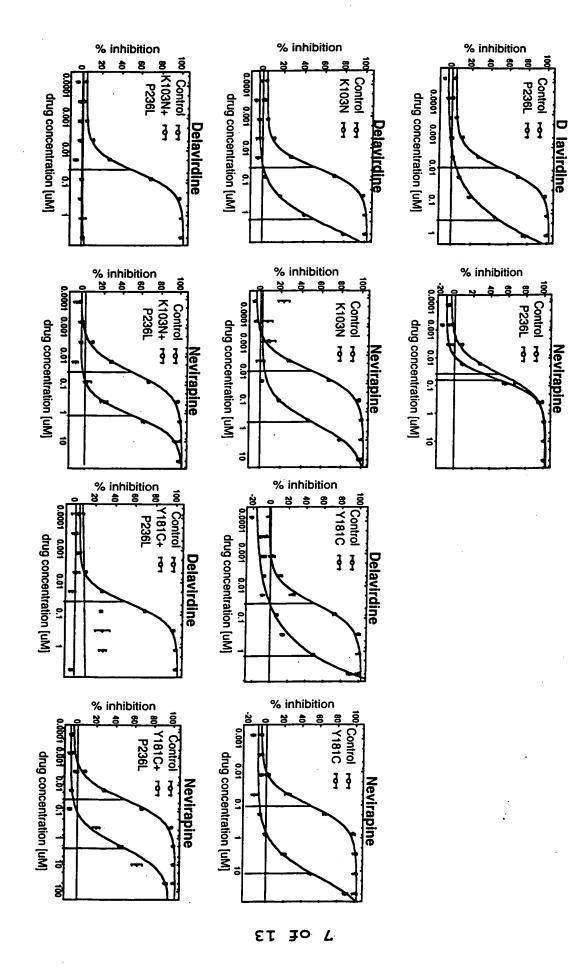


FIGURE 7

SCAN 18

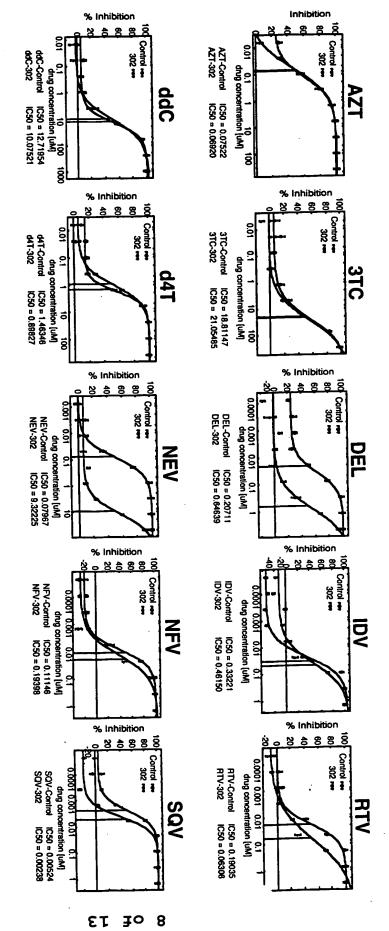


FIGURE 8A

SCAN 18

% Inhibition

302 ·

ddl

ddl-Control ddl-302

IC50 = 23.14837 IC50 = 22.13531

drug concentration (uM)

8

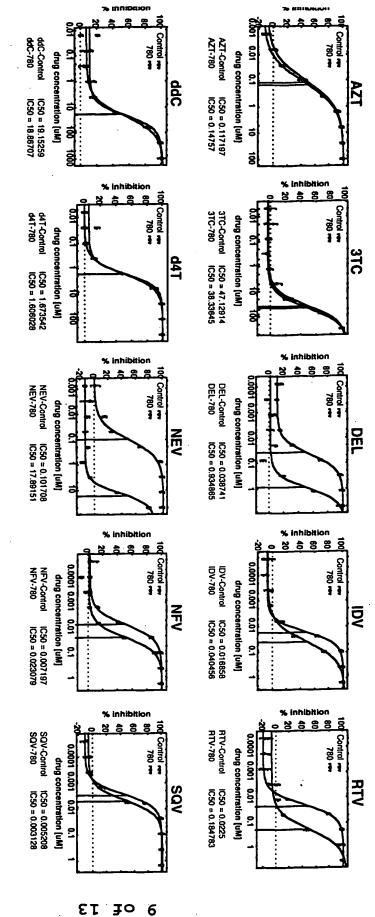


FIGURE 8B

Control 780

<u>d</u>

ddl-Control ddl-780

IC50 = 38.86882 IC50 = 34.56575 drug concentration [uM]

1000

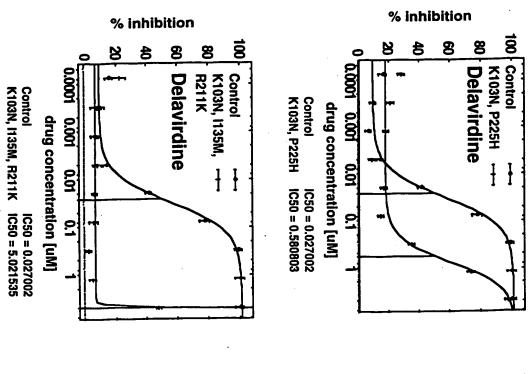
SCAN 78

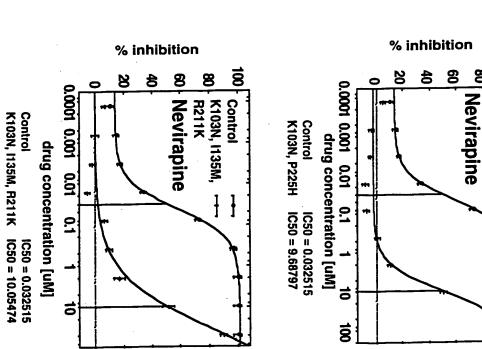
# Drug Susceptibility Test Profile: Patient 302 Virus Clones

100 Control

K103N, P225H ---

8





# **Drug Susceptibility Test Profile: Site Directed Mutants**

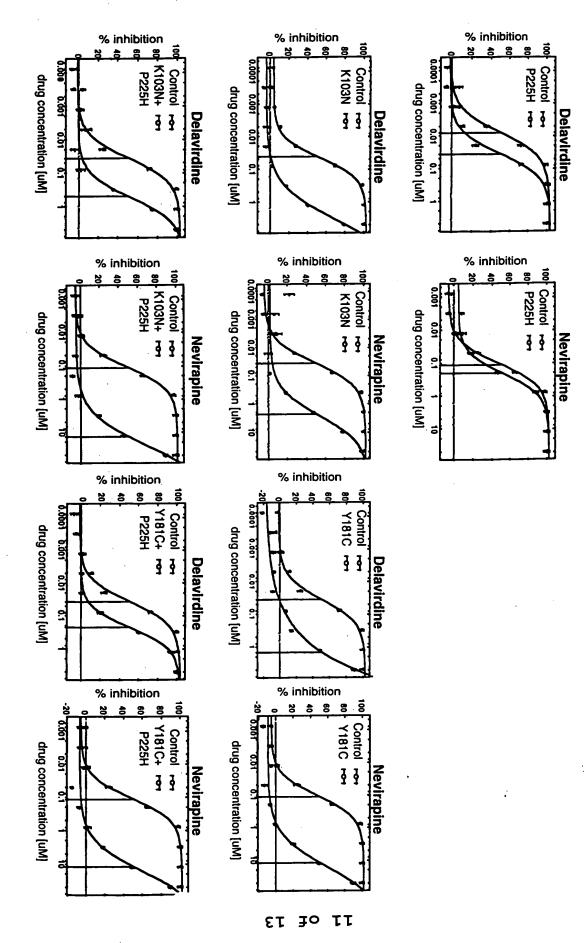
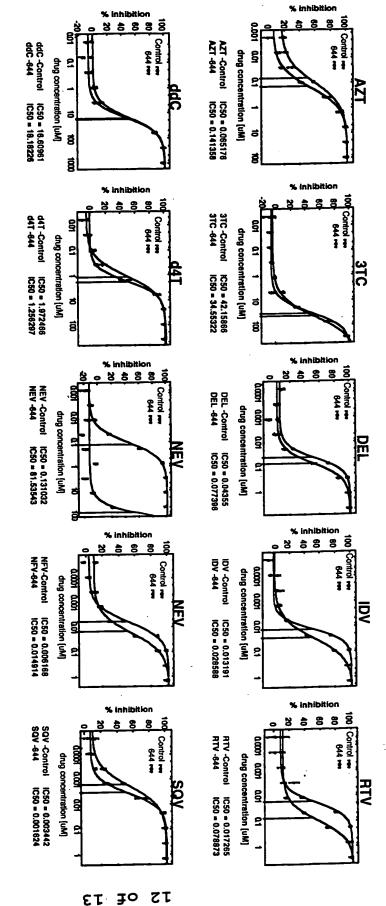


FIGURE 8D

S-AN-8





SCAN 18

% inhibition

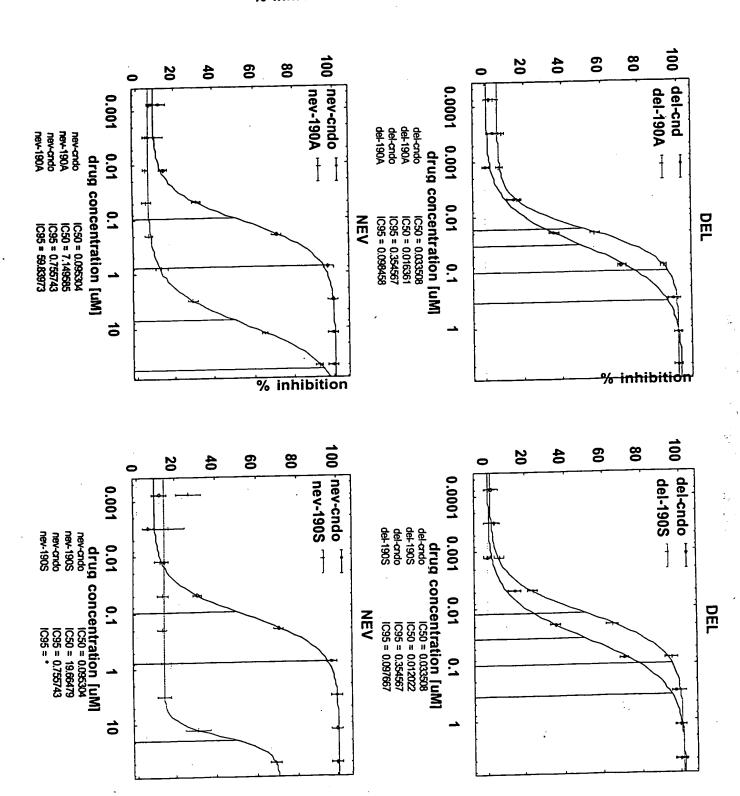
ddi -Control ddi -644

IC50 = 33.57358 IC50 = 32.799 drug concentration [uM]

8

886

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13 OE 13